

| - | |
|--|--|
| International Application h | |
| International Filing Date | |
| | |
| Name of receiving Office and "PCT International Application" | |

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Applicant's or agent's file reference (if desired) (12 characters maximum) 1151-4158PC1 Box No. I TITLE OF INVENTION ARTIFICIAL T HELPER CELL EPITOPES AS IMMUNE STIMULATORS FOR SYNTHETIC PEPTIDE IMMUNOGENS' Box No. II APPLICANT Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is also inventor. Telephone No. UNITED BIOMEDICAL INC. (516) 273-2828 25 Davids Drive Facsimile No. Hauppauge, New York 11788 (516) 273-1717 Teleprinter No. State (that is, country) of nationality: State (that is, country) of residence: US This person is applicant the United States of America only all designated States all designated States except the United States of America the States indicated in for the purposes of: the Supplemental Box Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only WANG, Chang Yi applicant and inventor 47 Snake Hill Road Cold Spring Harbor, New York 11724 inventor only (If this check-box is marked, do not fill in below.) State (that is, country) of nationality: State (that is, country) of residence: US US This person is applicant all designated all designated States except the United States the States Indicated In for the purposes of: the United States of America of America only the Supplemental Box Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf agent common representative of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) Telephone No. (212) 758-4800 LIN, Maria C.H. Facsimile No. Morgan & Finnegan, L.L.P. 345 Park Avenue (212) 751-6849 New York, New York 10154 Teleprinter No. 421792

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent. Form PCT/RO/101 (first sheet) (July 1998; reprint January 1999)

See Notes to the request form

| Box I | | DESIGNATION OTTATES | | · . | | | |
|-------------------------|--------|---|---------------------|-----------|---|--|--|
| The f | ollow | ring designations are here. sade under Rule 4.9(a) | /mark | the at | oplicable check at least one must be marked): | | |
| | | Patent | | •••• | , at least one must be murkey. | | |
| X) | | | | | | | |
| A | | Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT | | | | | |
| X | | European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT | | | | | |
| ሿ | | any other State which is a member State of OAPI an desired, specify on dotted line) | lali, MI nd a Co | Ontract | Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, uritania, NE Niger, SN Senegal, TD Chad, TG Togo, and eting State of the PCT (if other kind of protection or treatment | | |
| Natio | nal Pa | atent (if other kind of protection or treatment desired, spec | cify on | dotted | l line): | | |
| | | Albania | | | Lesotho | | |
| X | | Armenia | | | Lithuania | | |
| | | Austria | X | | Luxembourg | | |
| $\overline{\square}$ | | Australia | [X] | | Luxembourg Latvia | | |
| $\overline{\mathbb{Z}}$ | | Azerbaijan | [A] | | | | |
| $\overline{\Sigma}$ | | Bosnia and Herzegovina | | ML | Republic of Moldova | | |
| X) | | Barbados | [X] | | Madagascar | | |
| | | | X | Mĸ | The former Yugoslav Republic of Macedonia | | |
| 区 区 | | Bulgaria | ייט | | | | |
| _ | | Brazil | | | Mongolia | | |
| | | Belarus | X | | V Malawi | | |
| | | Canada | X | | Mexico | | |
| X | | and LI Switzerland and Liechtenstein | X | | Norway | | |
| | | China | X | NZ | New Zealand | | |
| X | CU | Cuba | X | | Poland | | |
| X | | Czech Republic | Ä | PT | Portugal | | |
| \boxtimes | | Germuny | X | | Romania | | |
| X | | Denmark | | | | | |
| X | | Estonia | | | Russian Federation | | |
| | | | X | | Sudan | | |
| | | Spain | X | | Sweden | | |
| ΙΣΙ Σ | | Finland | DX | | Singapore | | |
| Σ. | | United Kingdom | X | | Slovenia | | |
| _ | | Grenada | ⊠ | | | | |
| | | Georgia | X | | | | |
| | | Ghana | | TJ | Tajikistan | | |
| | | Gambia | X | | Turkmenistan | | |
| | HR | Croatia | X | | Turkey | | |
| X | | Hungary | [X] | | Trinidad and Tobago | | |
| | | Indonesia | · 🔯 | | | | |
| _ | | Israel | | | | | |
| = | | India | 図 | | Uganda | | |
| = | | | X | US | United States of America | | |
| = | | Iceland | | | (Continuation-in-part) | | |
| = | | Japan | X | | Uzbekistan | | |
| = | | Kenya | X | | Viet Nam | | |
| | | Kyrgyzstan | X | YU | Yugoslavia | | |
| X | KP | Democratic People's Republic of Korea | X | | Zimbabwe | | |
| | | *************************************** | | | | | |
| X | KR | Republic of Korea | a na | tional | xes reserved for designating States (for the purposes of patent) which have become party to the PCT after of this sheet: | | |
| X | KZ 1 | Kazakhstan | issue | ance of | f this sheet: | | |
| | | Saint Lucia | X | 7.A | South Africa | | |
| | | Sri Lanka | | | United Arab. Emirates | | |
| | | Liberia | | | United Arab Emilates | | |
| | | | لــا | • • • • • | | | |

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.

If the Supp.

tal Box is not used, this sheet should not be inclu-



1. If, in any of the Boxes, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No. ..." [indicate the number of the Box] and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:

- (i) if more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below:
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States Indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- (v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- (vi) if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI;
- (vii) if, in Box No. VI, the earlier application is an ARIPO application: in such case, write "Continuation of Box No. VI", specify the number of the item corresponding to that earlier application and indicate at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed.
- 2. If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.
- 3. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial disclosures or exceptions to lack of novelty: in such case, write "Statement concerning non-prejudicial disclosures or exceptions to lack of novelty" and furnish that statement below.

Continuation of Box No. V-Designation of States

US United States of America - continuation-in-part of US
Patent Application
Serial No. 09/100,412, filed
20 June 1998 (20.06.98)

| Filing date of earlier application (day/month/year) | Box No. VI PRIORITY C | TAIM | | | | |
|--|------------------------------------|-----------------------------|---|--------------|----------------------------------|--|
| of earlier application (adymonth/year) item (1) O June 1998 (20,06,98) O9/100,412 US Tegional optication: Tregional Office Was a country of the carrier optication of the carrier optication was filed with the Office which for the purposes of the carrier optication was filed with the Office which for the purpose of the carrier optication is on ARIPO application with the Office which for the purpose of the carrier optication of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the carrier optication was filed with the Office which for the purpose of the purpose of the purpose of the purpose of the carrier optication was filed with the Office which was filed w | | | <u>L</u> | uriner pr | | |
| item (1) 20 June 1998 (20.06.98) 09/100, 412 US item (2) item (3) The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application of the prepare and transmit to the International Bureau a certified copy of the earlier application is an AEPP application in the receiving Office) identified above as item(5): Warriage the present international application is the receiving Office) identified above as item(5): Warriage the analysis of the present international application is the receiving Office) identified above as item(5): Warriage the analysis of the present of Industrial Property for which that earlier application was filled with the Office which for the purposes of the present international application of Industrial Property for which that earlier application was filled with the Office which for the purposes of the present international application of Industrial Property for which that earlier application was filled with the Office which for the purpose of the present international Application is the received of the Property of | of earlier application | | on national app | lication: | | |
| 20 June 1998 (20,06,98) 09/100,412 US | | | , | | | |
| item (2) The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the cartier application(s) (only if the earlier application was filed with the Office which for the office which for the office which for the office which for the prepared the present international application is the receiving Office) (lenting office) (only if the earlier application is an ARPO application, it is mandatory to indicate in the Supplemental Box of the Supplemental Box. Box No. VII INTERNATIONAL SEARCHING AUTHORITY Request to use results of earlier search; reference to that search (if an earlier the Authority chosen; the two-letter code may be used): ISA / US | item (1) 20 June 1998 | | | | | |
| item (3) The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the carlier application (s) (only if the carlier application was filed with the Office which for the purposes of the present international application is the receiveing Office) identified above as tient(s): **There the sealier application is an ARPO application, it is mandatory to indicate in the Supplemental Base at least tens country perty to the Par Comentant for the Protection of Industrial Property for which that carlier application was filed (flue 4.10(b)(fl)). See Supplemental Base (flue for the Par Comentant of the Protection of Industrial Property for which that carlier application was filed (flue for 10(b)(fl.)). See Supplemental Base (flue for 10(| (20.06.98) | 09/100,412 | US | | | |
| The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the carrier application (only) (the sortier application was filed with the Office which for the purposes of the present international application is the received Office) identified above as tient(s): Where the artier spilication is an ARPA application, it is mandatory to indicate in the Supplemental Boas at least one country party to the Part Convention for the Protected of the proposed of the present international application is an ARPA application as the review of the proposed of the pro | item (2) | | | | | |
| The receiving Office is equested to prepare and transmit to the International Bureau a certified copy of the caviter application for by fine and the application is the received office) the content of the caviter application is the received office) the content application is not ARIO applications. It is mendatory to indicate in the Supplemental Box at least one country party to the Fan Convention for the Protection. On ARIO application is the received office) which the demands application is not ARIO applications. It is mendatory to indicate in the Supplemental Box at least one country party to the Fan Convention for the Protection. On ARIO application is an ARIO application in the Protection of the Protec | | | | | <u>.</u> | |
| This international application contains the following number of sheets: request description (excluding sequence listing part): description (excluding sequence listing part | item (3) | | | | | |
| This international application contains the following number of sheets: request description (excluding sequence listing part): description (excluding sequence listing part | | | | | | |
| * Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Bax at least one country peops to the Pan Comention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(iii)). See Supplemental Bax and Commention and Provided in the Pan Country (Industrial Property for which that earlier application was filed (Rule 4.10(b)(iii)). See Supplemental Bax and Country (Industrial Property for which that earlier application to safety for which that earlier application was filed (Rule 4.10(b)(iii)). See Supplemental Bax and Country (Industrial Property for which that earlier application to safety for which that earlier application is accompanied by the item (Rule 4.10(b)(iii)). See Supplemental Bax and the Pan Country (Industrial Property for which that earlier application is accompanied to that search (if an earlier application is accompanied by the item (Submitted Industrial Property). This international application is accompanied by the item (Submitted Industrial Property). This international application is accompanied by the item (Submitted Industrial Property). This international application is accompanied by the item (Submitted Industrial Property). This international application is accompanied by the item (Submitted Industrial Property). The country (Industrial Property). The country (Industrial Property). The Industrial Property (Industrial Property). The Industrial Prope | of the earlier application(| s) (only if the earlier o | application was filed | with the | e Office which for the | (1) |
| Box No. VII INTERNATIONAL SEARCHING AUTHORITY ChoiceofInternational Sacreting Authority (ISA) (If two or more International Sacreting Authority are competent to carry out the international Searching Authority the Authority chosen: the two-letter code may be used! ISA / US Box No. VIII CHECK LIST; LANGUAGE OF FILING This international application contains the following number of sheets: request 4 description (excluding 64 sequence listing part) 64 description (excluding 64 sequence listing part) 65 drawings 65 drawings 66 drawings 67 drawings 67 drawings 67 drawings 68 description 69 description 60 description 60 description 60 description 60 description 61 description 61 description 62 description 63 description 64 description 65 description 65 description 65 description 66 description 66 description 67 description 67 description 68 description 69 description 69 description 60 description 60 description 60 description 61 description 61 description 62 description 62 description 63 description 64 description 65 description 65 description 65 description 66 description 66 description 67 description 67 description 68 description 69 description 60 description 60 description 60 description 60 description 61 description 61 description 61 description 61 description 62 description 62 description 63 description 64 description 65 description 65 description 65 description 66 description 66 description 67 description 67 description 68 description 69 description 69 description 60 description 60 description 61 description 61 description 61 description 61 description 62 description 62 description 63 description 64 description 65 description | | | | | | t one country party to the Par |
| Content to compare the care already and the person signing and the capacity is not or more International Searching Authority compared to competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): Date (day/month/sear) | | | | 4110/1 W423 | jiieu (Kuie 4.10(b)(lij). Se | e Supplemental Box. |
| Date of actual receipt of the purported international specific and searching Authority of the submirery changes in the | Choice of International Search | hing Authority (ISA) | Request to use res | ults of ea | rlier search; reference | e to that search (if an earlie |
| Box No. VIII CHECK LIST; LANGUAGE OF FILING This international application contains the following number of sheets: 1 | competent to carry out the interna | ational search indicate | search has been carri | ied out by | or requested from the Inter | national Searching Authority) |
| This international application contains the following number of sheets: 1 | ISA / US | | | | | - |
| the following number of sheets: request description (excluding description des | | | FILING | | | |
| request 4 1. Electaculation sheet (In triplicate) description (excluding 64 2. Electaculation sheet (In triplicate) acquence listing part): 3. copy of general power of attorney (unsigned) sequence listing part): 5 4. copy of general power of attorney; reference number, if any: claims 5 4. copy of general power of attorney; reference number, if any: claims 5 4. copy of general power of attorney; reference number, if any: claims 5 4. copy of general power of attorney; reference number, if any: claims 5 4. copy of general power of attorney; reference number, if any: claims 5 4. copy of general power of attorney; reference number, if any: claims 5 4. copy of general power of attorney; reference number, if any: claims 5 4. copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number, if any: claims 6 copy of general power of attorney; reference number of the propertion of international application into (language): claims 6 copy of general power of attorney; reference number of the propertion into (language): claims 6 copy of general power of attorney; reference number of the propertion into (language): claims 6 copy of general power of attorney; reference | This international application c | ie. | | | | ked below: |
| sequence listing part): claims | 1. | I. 🔀 ice o | | | • | |
| claims 5 | | 4 1 - | | - | - | |
| abstract : 1 | • • • | | | | | ny: |
| drawings Control Cont | | | | - | | |
| sequence listing part of description : 62 Total number of sheets : 132 Total number of sheets : 132 Total number of sheets : 132 Figure of the drawings which should accompany the abstract: Language of filing of the international application: Box No. IX SIGNATURE OF APPLICANT OR AGENT Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). Date of actual receipt of the purported international application: 1. Date of actual receipt due to later but timely received papers or drawings completing the purported international application: 1. Date of international application: 1. Date of international application: 2. Drawings: 1. Date of international application: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely received for required corrections under PCT Article 11(2): 5. International Searching Authority 15.4 / 6. Transmittal of search copy delayed | • | | | | · / | |
| 8. In nucleotide and/or amino acid sequence listing in computer readable form Total number of sheets: 132 9. other (specify):Transmittal Letter; Statement Under WIPO Figure of the drawings which should accompany the abstract: | | i i | | | | an athan Matadastast in Austria |
| Total number of sheets: 132 9. other (specify):Transmittal Letter; Statement Under WIPO Figure of the drawings which should accompany the abstract: | of description : (| 04 | | | | |
| Figure of the drawings which should accompany the abstract: Language of filing of the international application: English | Fotal number of sheets: | | | | | |
| Box No. IX SIGNATURE OF APPLICANT OR AGENT Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). Martia C.H. Lim Agent for Applicants 1. Date of actual receipt of the purported international application: 2. Drawings: | Figure of the drawings which | | Language of filing | of the | | |
| Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). Maria C.H. Lin Agent for Applicants For receiving Office use only 1. Date of actual receipt of the purported international application: 2. Drawings: | | | <u> </u> | ation: | English | |
| Maria C.H. Lin Agent for Applicants | | | | the person | signs (if much annuals via vat | halo Complete de la companya de la c |
| Por receiving Office use only 1. Date of actual receipt of the purported international application: 2. Drawings: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 10 A / | The tack and talk the the | ane of the ferson signing a | na ine capacity in which i | ine person . | signs (ij such capacity is not d | obvious from reading the request) |
| For receiving Office use only 1. Date of actual receipt of the purported international application: 2. Drawings: received date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 10 A / Comparison of the purported international Search copy delayed | | | | | | |
| Por receiving Office use only 1. Date of actual receipt of the purported international application: 2. Drawings: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 10 A / | | | | ~ | | L 0 |
| For receiving Office use only 1. Date of actual receipt of the purported international application: 2. Drawings: received date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 10 A / Comparison of the purported international Search copy delayed | | | | X | me Ola | $\mathcal{X}_{\mathcal{Q}}$ |
| Por receiving Office use only 1. Date of actual receipt of the purported international application: 2. Drawings: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 10 A / | | | | | 1 WHAT Y | Xw |
| Por receiving Office use only 1. Date of actual receipt of the purported international application: 2. Drawings: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 10 A / | | | | Mar | Ia C.H. Lin | |
| 1. Date of actual receipt of the purported international application: 2. Drawings: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 10 A / Comparison of the purported international Search copy delayed | | | _ | | | nts |
| international application: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 10 A / | | | or receiving Office u | ise only | | |
| timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 18 A / 6. Transmittal of search copy delayed | international application: | purported | | | | 2. Drawings: |
| 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority 10 A / 6. Transmittal of search copy delayed | timely received papers or dr | awings completing | - | | | received: |
| 5. International Searching Authority ICA / 6. Transmittal of search copy delayed | . Date of timely receipt of the | required | | | , | not received: |
| | corrections under PCT Artic | | | | | |



FEE CALCULATION SHEET

Annex to the Request

| | ceiving Office use only | | _ |
|---------------------------|-------------------------|-------|---|
| | | نور - | 1 |
| International application | No. | • | |

| Applicant's or agent's | | | | | |
|--|--|--|--|--|--|
| file reference 1151-4158PC1 | Date stainp of the receiving Office | | | | |
| Applicant | · | | | | |
| UNITED BIOMEDICAL, INC., et al. | | | | | |
| CALCULATION OF PRESCRIBED FEES | | | | | |
| 1. TRANSMITTAL FEE | , — — — — — — — — — — — — — — — — — — — | | | | |
| 2. SEARCH FEE | \$ 450.00 S | | | | |
| International search to be carried out by (If two or more International Searching Authorities are competent in relational application, indicate the name of the Authority which is chosen to carry out the | on to the international international search.) | | | | |
| 3. INTERNATIONAL FEE | | | | | |
| Basic Fee The international application contains 132 sheets. | | | | | |
| first 30 sheets | b1 | | | | |
| 102 × 10 \$ 1,020.0 | 00 b2 | | | | |
| remaining sheets additional amount | S 1 475 00 B | | | | |
| Add amounts entered at b1 and b2 and enter total at $B = \dots = \frac{C}{2}$ | S 1,475.00 B | | | | |
| Designation Fees | | | | | |
| The International application contains 79 designations. | <u></u> | | | | |
| | \$ 1,050.00 D | | | | |
| number of designation fees amount of designation fee payable (maximum 10) | | | | | |
| Add amounts entered at B and D and enter total at I | \$ 2,525.00 | | | | |
| (Applicants from certain States are entitled to a reduction of 75% internationalfee. Where the applicantis (or all applicants are) so entitotal to be entered at 1 is 25% of the sum of the amounts entered at B | of the iled, the | | | | |
| 4. FEE FOR PRIORITY DOCUMENT (if applicable) | \$ 15.00 P | | | | |
| 4. TEETOKTROIGTT BOCOMENT (IJ applicable) | 75.00 | | | | |
| 5. TOTAL FEES PAYABLE | \$ 3,230.00 | | | | |
| Add amounts entered at T, S, I and P, and enter total in the TOTAL | box TOTAL | | | | |
| The designation fees are not paid at this time. | | | | | |
| MODE OF PAYMENT | | | | | |
| authorization to charge bank draft | coupons | | | | |
| X cheque cash | other (specify): | | | | |
| postal money order revenue stamps | | | | | |
| DEPOSIT ACCOUNT AUTHORIZATION (this mode of payment may not be available at all receiving Offices) | | | | | |
| The RO/ US is hereby authorized to charge the total fees indicated above to my deposit account. | | | | | |
| (this check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) is hereby authorized to charge any deficiency or credit any overpayment in the total fees indicated above to my | | | | | |
| deposit account. | | | | | |
| Bureau of WIPO to my deposit account. | | | | | |
| 13-4500 21 June 1999 | | | | | |
| Deposit Account No. Date (day/month/year) | Signature Maria C.H. Lin | | | | |